

Converting Colors

XYZ(36.6066, 36.9363, 59.2329)

Have a look what the booklet for
XYZ(36.6066, 36.9363, 59.2329)
contains.

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Color

**XYZ(36.5556, 36.8342,
59.2159)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA2C7
RGB	154, 162, 199
RGB Percent	60%, 64%, 78%
CMY	0.3961, 0.3647, 0.2196
CMYK	0.23, 0.19, 0.00, 0.22
HSL	229°, 29%, 69%
HSV	229°, 23%, 78%
XYZ	36.5556, 36.8342, 59.2159
YIQ	163.8260, -16.6450, 9.8110

Conversions

Conversions Part 2

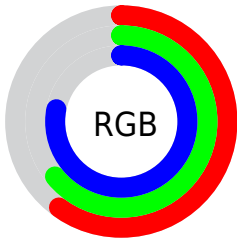
Format	Color
RYB	154, 161, 199
Decimal	10134215
CIELab	67.15, 5.20, -19.88
CIElCh	67, 20.553, 284.653
Yxy	36.8342, 0.2757, 0.2778
Android (android.graphics.Color)	4288324295 (0xFF9AA2C7)
YUV	163.8260, 17.3408, -8.6174
Hunter-Lab	60.6912, 1.3048, -15.3649

Details

The XYZ color **36.5556, 36.8342, 59.2159** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.0173, 51.7372, 38.0285**, and the grayscale version is **35.1307, 36.9603, 40.2497**.

A 20% lighter version of the original color is **69.1573, 70.4010, 104.5515**, and **16.2748, 16.2380, 29.0645** is the 20% darker color. If you saturate the color by 10%, you get **30.3805, 29.6477, 58.1548**, and if you desaturate by 10%, it is **43.7360, 45.0974, 60.4330**.

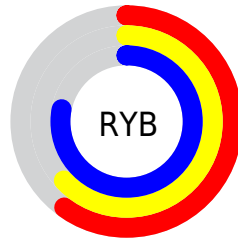
Distribution



Red (60%)

Green (64%)

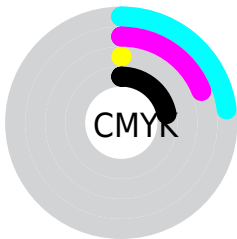
Blue (78%)



Red (60%)

Yellow (63%)

Blue (78%)

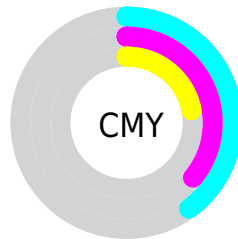


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (40%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5556, 36.8342, 59.2159 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 36.5556, 36.8342, 59.2159 by changing the saturation by 10% instead.

■ 36.5556, 36.8342,
59.2159

■ 36.5556, 36.8342,
59.2159

322.7715,
332.5921, 439.4257

■ 25.0357, 25.0791,
42.3658

■ 69.2070, 70.3177,
105.2236

■ 16.2325, 16.1360,
29.0601

■ 91.0693, 92.8150,
135.2183

■ 9.7807, 9.6205,
18.8803

117.1097,
119.6617, 170.4315

■ 5.3150, 5.1480,
11.4079

147.6936,
151.2424, 211.2819

■ 2.4699, 2.3344,
6.2243

183.1864,
187.9414, 258.1880

■ 0.8801, 0.7918,
2.9110

223.9534,

■ 0.0000, 0.0000,

230.1431, 311.5683

1.0493

270.3600,
278.2319, 371.8413

■ 0.0000, 0.0000,
0.0000

■ 36.5556, 36.8342,
59.2159

■ 36.5556, 36.8342,
59.2159

■ 30.3805, 29.6477,
58.1548

■ 43.7360, 45.0974,
60.4330

■ 25.1619, 23.4889,
57.2411

■ 51.9605, 54.4748,
61.8096

■ 20.8520, 18.3112,
56.4689

■ 61.2702, 65.0077,
63.3520

■ 17.3978, 14.0630,
55.8310

■ 71.7029, 76.7339,
65.0655

■ 14.7402, 10.6876,
55.3195

■ 83.2947, 89.6894,
66.9552

■ 12.8126, 8.1219,
54.9259

■ 87.3089, 96.9036,
68.1361

■ 11.5365, 6.2935,
54.6402

■ 10.9213, 5.3483,
54.4902

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.4398, 36.8342, 59.1458



36.5556, 36.8342, 59.2159



39.4157, 36.8342, 53.6707

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.5556, 36.8342, 59.2159



39.4715, 36.8342, 29.1637



29.5169, 36.8342, 35.7120

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.5556, 36.8342, 59.2159



48.0173, 51.7372, 38.0285

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.9451, 36.8342, 29.0445



36.5556, 36.8342, 59.2159



36.6281, 36.8342, 25.6658

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.5556, 36.8342, 59.2159



41.1661, 36.8342, 35.8991



33.5082, 36.8342, 25.6257



29.5001, 36.8342, 44.6298

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.5556, 36.8342, 59.2159



40.7398, 36.8342, 47.9529



33.5082, 36.8342, 25.6257



29.8439, 36.8342, 33.1658

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.5568, 36.8357, 59.2167



84.2806, 87.7613, 107.1053



43.1272, 51.4683, 56.8082



17.8503, 18.5688, 22.8933



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.5568, 36.8357, 59.2167



58.6199, 58.2453, 102.7606



38.0671, 35.5881, 58.8963



10.2067, 10.5874, 13.4231



7.0686, 3.5311, 35.0534



0.3828, 0.2633, 1.6758

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.6314, 37.8631, 39.2981



69.0688, 60.5364, 61.7076



46.2043, 53.4639, 38.4573



10.7096, 10.6672, 11.4540



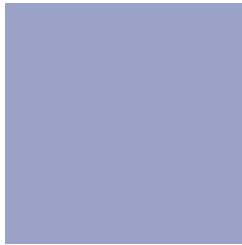
15.3672, 7.8965, 1.8777



0.7519, 0.3836, 0.2167

Previews

White Background



This preview shows how the XYZ color 36.5556, 36.8342, 59.2159 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 36.5556, 36.8342, 59.2159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

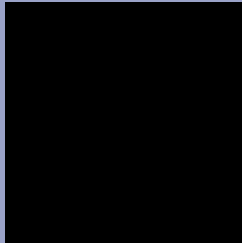
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5556, 36.8342, 59.2159

Background



This preview shows how black text looks on a background with the XYZ color 36.5556, 36.8342, 59.2159.



This preview shows how white text looks on a background with the XYZ color 36.5556, 36.8342,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.5556, 36.8342, 59.2159

Protanopia

36.7467, 36.9327, 59.2248

Deuteranopia

37.5776, 36.8422, 59.1635



Tritanopia

34.3506, 37.0111, 47.9812

Trichromacy



Original Color

36.5556, 36.8342, 59.2159

Protanomaly

36.7467, 36.9327, 59.2248

Deuteranomaly

37.1542, 36.8824, 59.1936

Tritanomaly

35.0806, 37.0347, 51.7539

Monochromacy



Original Color

36.5556, 36.8342, 59.2159

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.5302, 36.8423, 46.8336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5556, 36.8342, 59.2159 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 162, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 162, 199)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 162, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 162, 199) }
```

Border

The CSS property to change the border of an element to XYZ 36.5556, 36.8342, 59.2159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 162, 199) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(154, 162, 199) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(154, 162, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 162, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 162, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 162,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5556, 36.8342, 59.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 162, 199) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154,  
162, 199) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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